

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032516\
 Data File : BM004779.D
 Acq On : 25 Mar 2016 16:03
 Operator : UM/SJ
 Sample : H1909-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T37

Manual Integrations
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Quant Time: Apr 05 18:51:04 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 18:29:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1086	0.40	ng/ul	0.00
4) Naphthalene-d8	10.62	136	4975	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	3040	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	6707m	0.40	ng/ul	0.00
18) Chrysene-d12	21.39	240	6021	0.40	ng/ul	0.00
22) Perylene-d12	23.68	264	4131m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	4999	10.21	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	2199	0.32	ng/ul	0.00
16) Fluoranthene-d10	19.23	212	4829	0.30	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.67	128	1489	0.12	ng/ul#	84
7) 2-Methylnaphthalene	12.28	142	285	0.03	ng/ul	95
9) Acenaphthylene	14.18	152	1276	0.09	ng/ul#	91
10) Acenaphthene	14.52	153	324	0.03	ng/ul#	80
11) Fluorene	15.51	166	568	0.05	ng/ul#	82
13) Pentachlorophenol	16.87	266	72	0.04	ng/ul	94
14) Phenanthrene	17.24	178	10258	0.54	ng/ul	95
15) Anthracene	17.33	178	2361	0.13	ng/ul#	90
17) Fluoranthene	19.27	202	28899	1.35	ng/ul	92
19) Pyrene	19.63	202	26398	1.28	ng/ul#	93
20) Benzo(a)anthracene	21.37	228	11866	0.64	ng/ul#	90
21) Chrysene	21.42	228	14415m	0.81	ng/ul	
23) Benzo(b)fluoranthene	23.00	252	16035m	1.15	ng/ul	
24) Benzo(k)fluoranthene	23.04	252	6590m	0.51	ng/ul	
25) Benzo(a)pyrene	23.58	252	11618m	0.91	ng/ul	
26) Indeno(1,2,3-cd)pyrene	26.01	276	5956m	0.51	ng/ul	
27) Dibenzo(a,h)anthracene	26.02	278	1533m	0.17	ng/ul	
28) Benzo(a,h,i)perylene	26.72	276	5402m	0.55	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

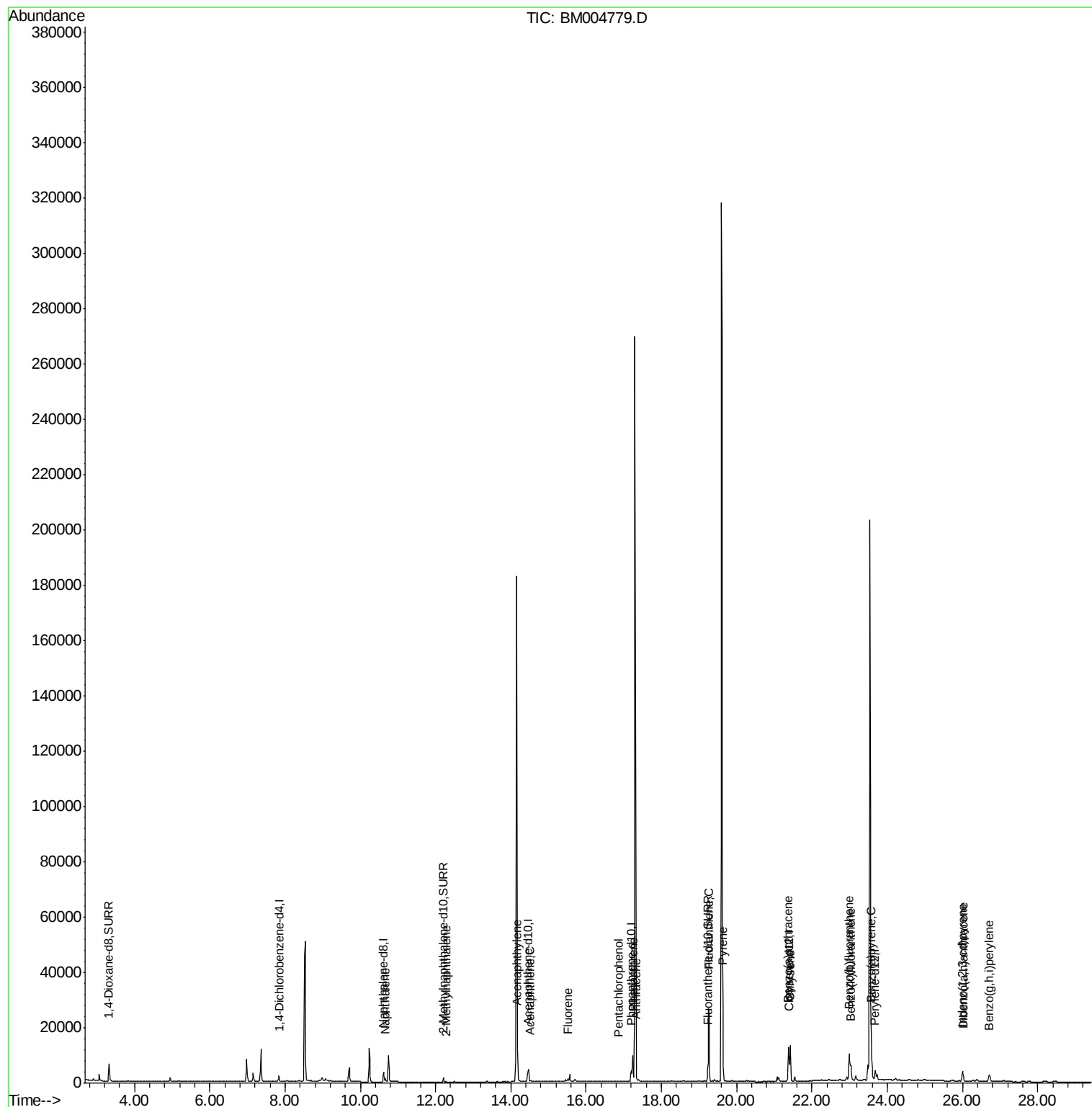
Data Path : Z:\HPCHEM1\BNA M\DATA\BM032516\
Data File : BM004779.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

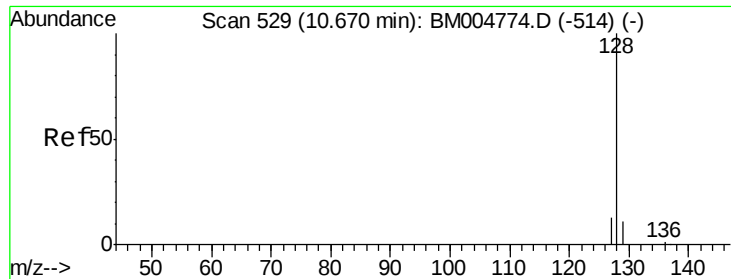
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#5

Naphthalene

Concen: 0.12 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. -0.00 min

Lab File: BM004779.D

Acq: 25 Mar 2016 16:03

Instrument :

BNA_M

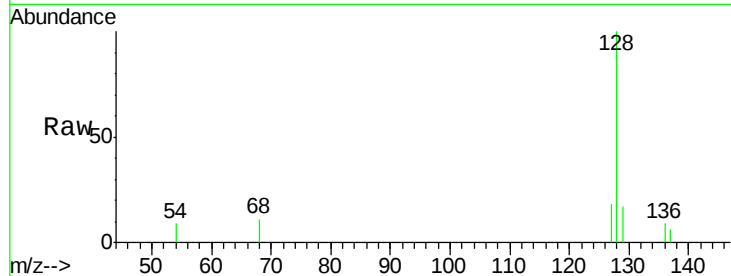
ClientSampleId :

A4T37

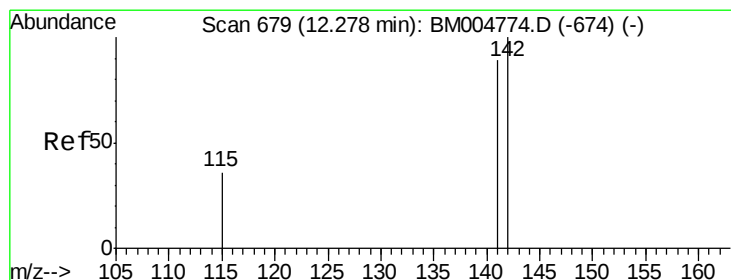
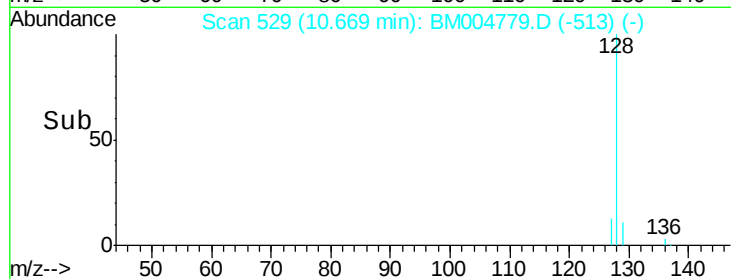
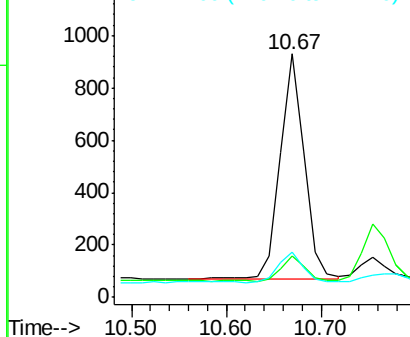
Tot Ion:	128	Resp:	1489
Ion Ratio	Lower	Upper	
128	100		
129	16.9	9.0	13.6#
127	18.4	9.6	14.4#

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#7

2-Methylnaphthalene

Concen: 0.03 ng/ul

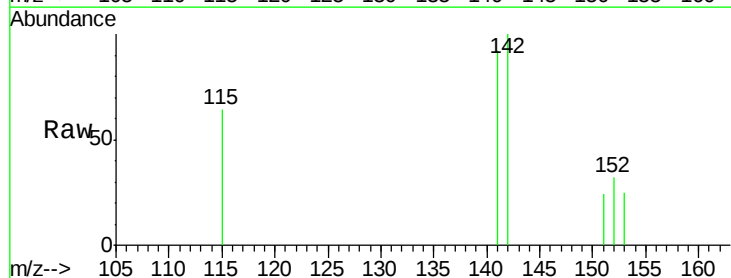
RT: 12.28 min Scan# 679

Delta R.T. -0.00 min

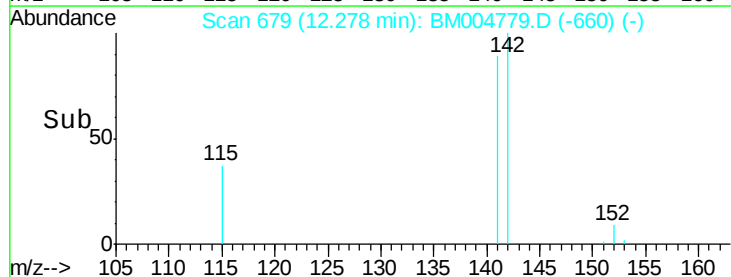
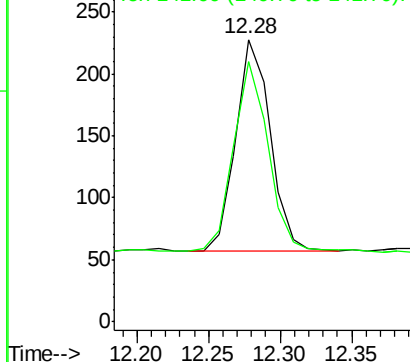
Lab File: BM004779.D

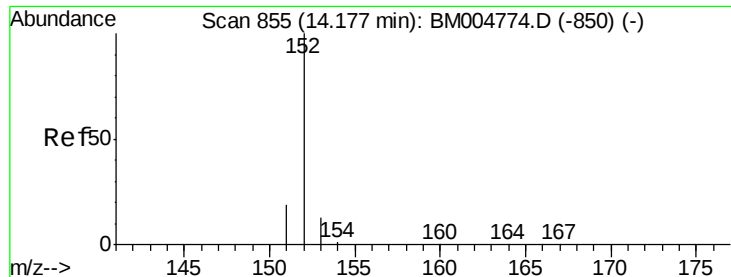
Acq: 25 Mar 2016 16:03

Tgt Ion:	142	Resp:	285
Ion Ratio	Lower	Upper	
142	100		
141	92.6	70.3	105.5



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.09 ng/ul

RT: 14.18 min Scan# 855

Delta R.T. -0.00 min

Lab File: BM004779.D

Acq: 25 Mar 2016 16:03

Instrument :

BNA_M

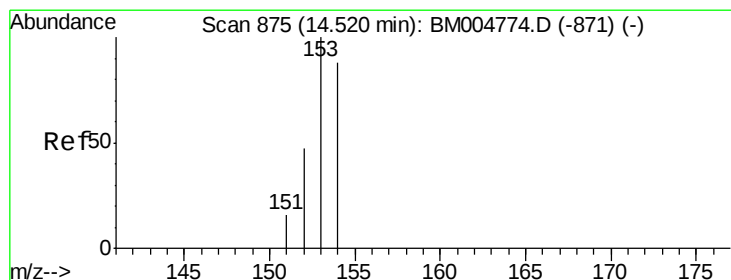
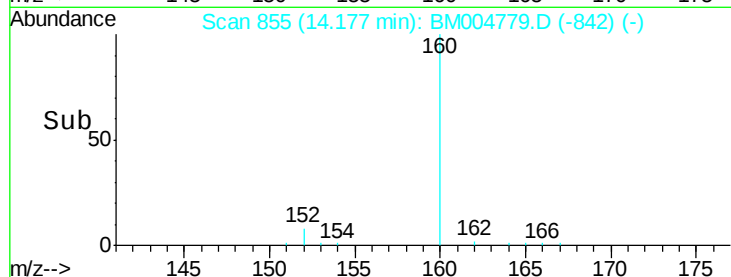
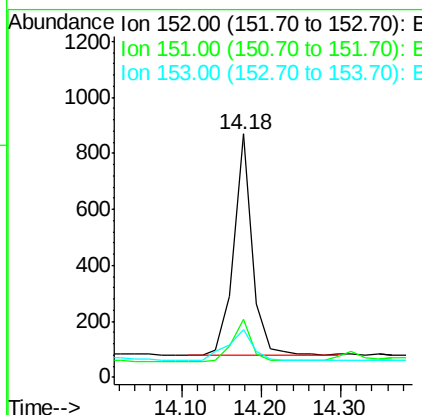
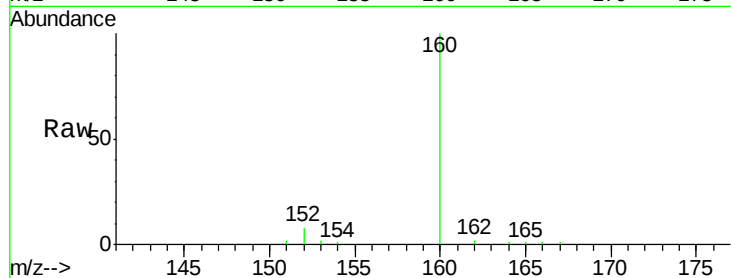
ClientSampleId :

A4T37

Tot Ion	Ion	Ratio	Resp	Lower	Upper
1276	152	100			
	151	23.9		17.6	26.4
	153	19.7		9.7	14.5#

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#10

Acenaphthene

Concen: 0.03 ng/ul

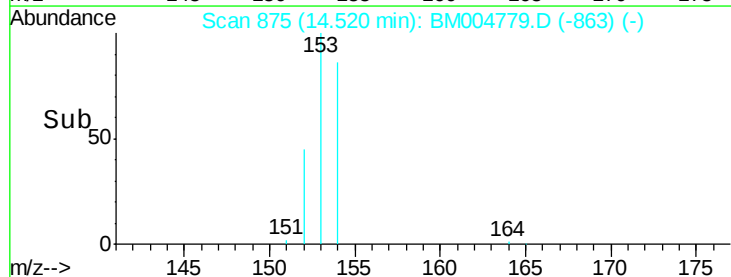
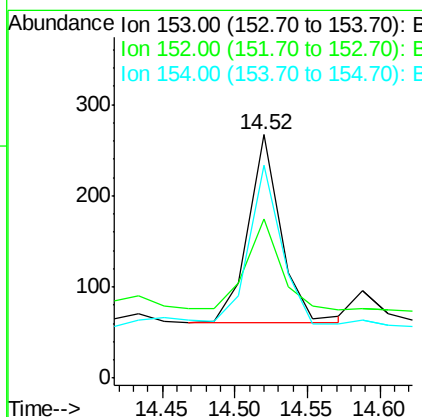
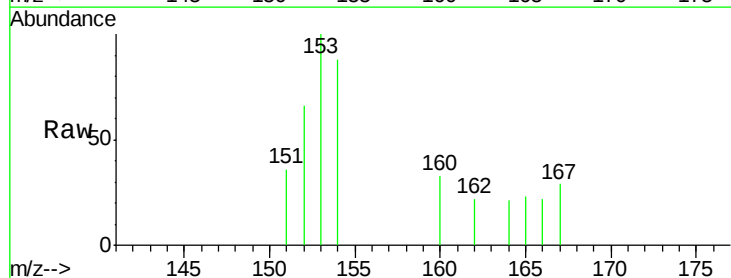
RT: 14.52 min Scan# 875

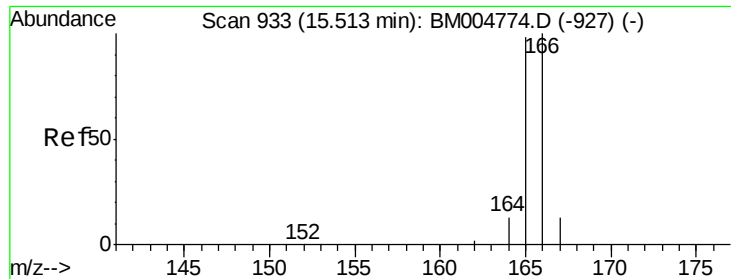
Delta R.T. -0.00 min

Lab File: BM004779.D

Acq: 25 Mar 2016 16:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
324	153	100			
	152	65.5		33.9	50.9#
	154	87.6		80.6	121.0





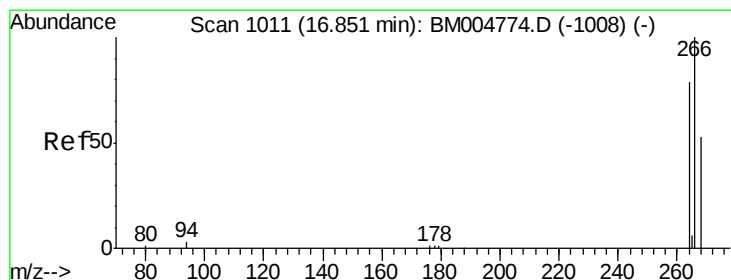
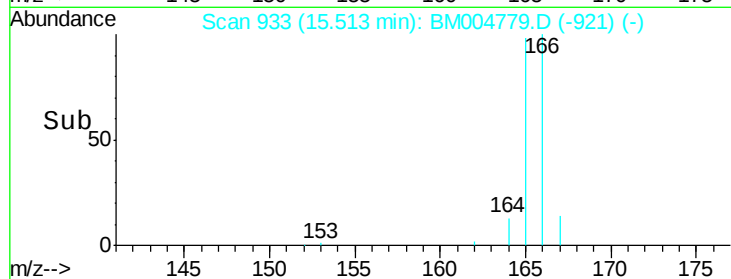
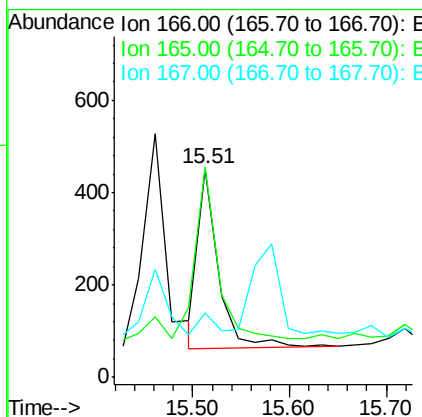
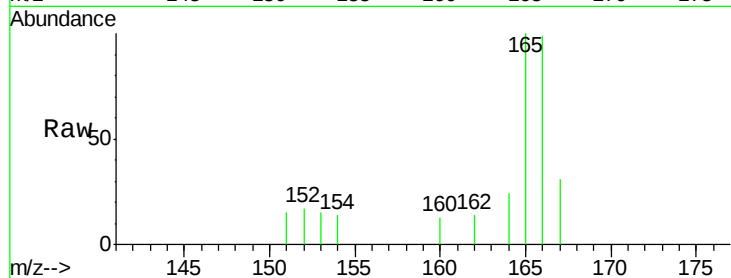
#11
Fluorene
 Concen: 0.05 ng/ul
 RT: 15.51 min Scan# 933
 Delta R.T. -0.00 min
 Lab File: BM004779.D
 Acq: 25 Mar 2016 16:03

Instrument :
 BNA_M
 ClientSampleId :
 A4T37

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.9	69.6	104.4
167	30.9	11.9	17.9

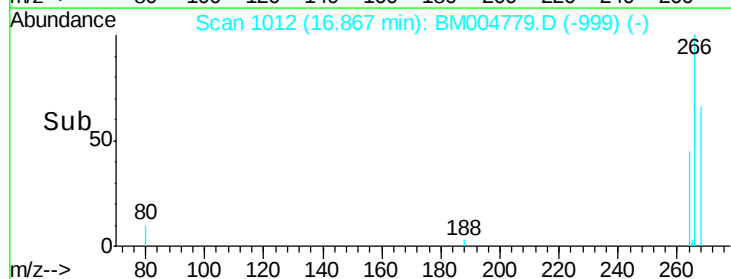
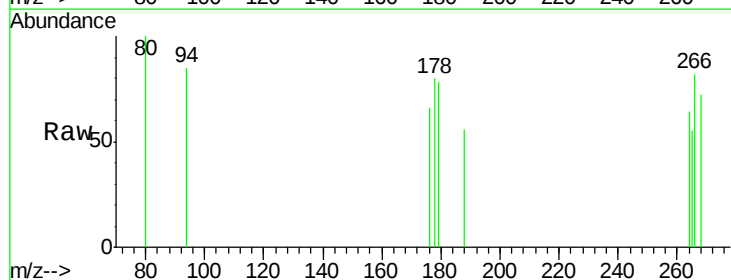
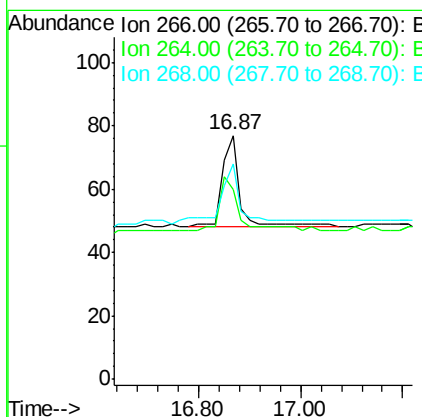
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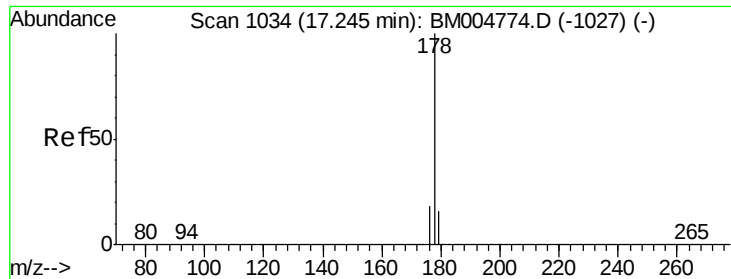
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#13
Pentachlorophenol
 Concen: 0.04 ng/ul
 RT: 16.87 min Scan# 1012
 Delta R.T. 0.02 min
 Lab File: BM004779.D
 Acq: 25 Mar 2016 16:03

Tgt Ion	Ratio	Lower	Upper
266	100		
264	59.7	51.8	77.8
268	54.2	46.8	70.2





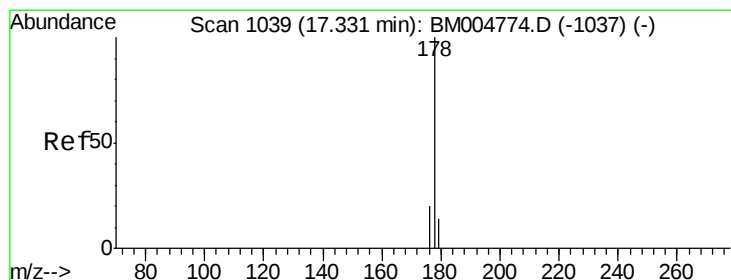
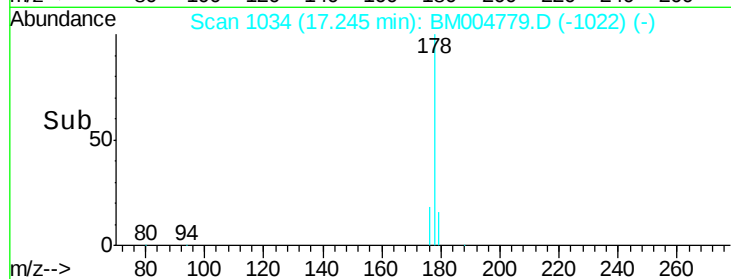
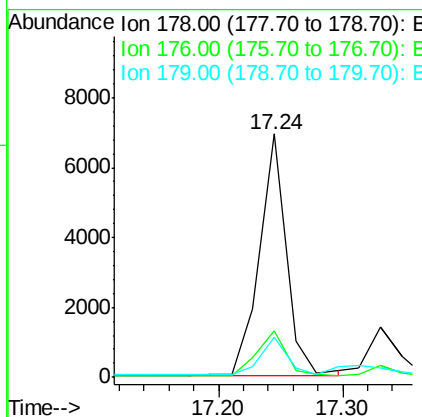
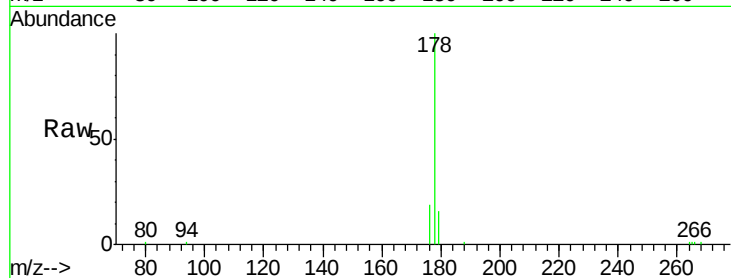
#14
Phenanthrene
Concen: 0.54 ng/ul
RT: 17.24 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BM004779.D
Acq: 25 Mar 2016 16:03

Instrument :
BNA_M
ClientSampleId :
A4T37

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	13.0	19.4
179	16.5	14.2	21.2

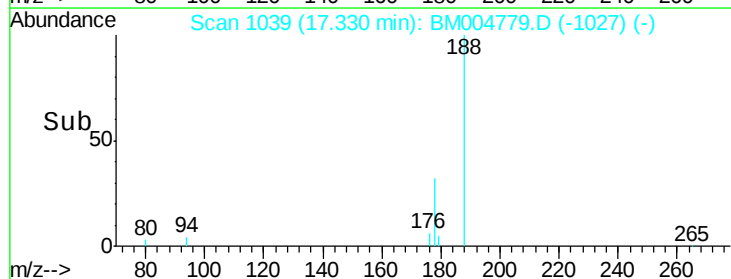
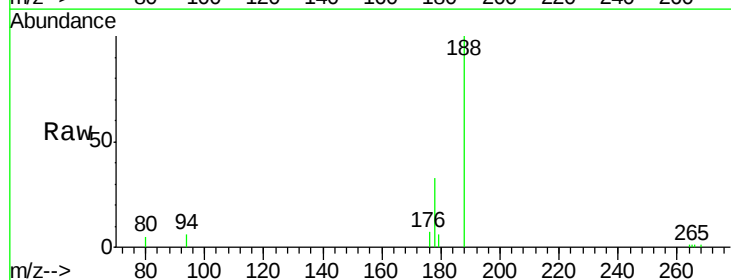
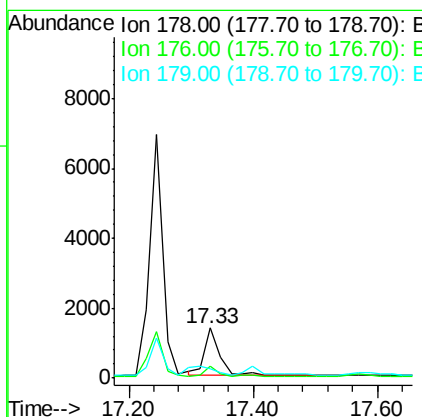
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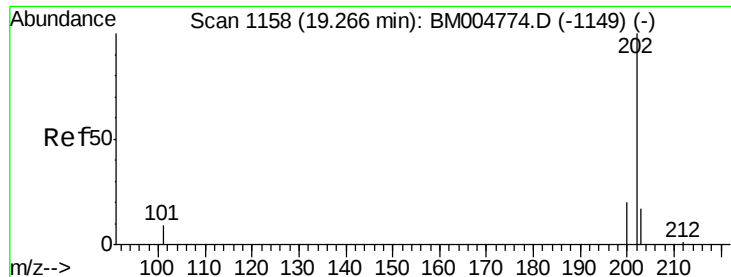
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#15
Anthracene
Concen: 0.13 ng/ul
RT: 17.33 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BM004779.D
Acq: 25 Mar 2016 16:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.7	14.0	21.0#
179	19.3	12.9	19.3





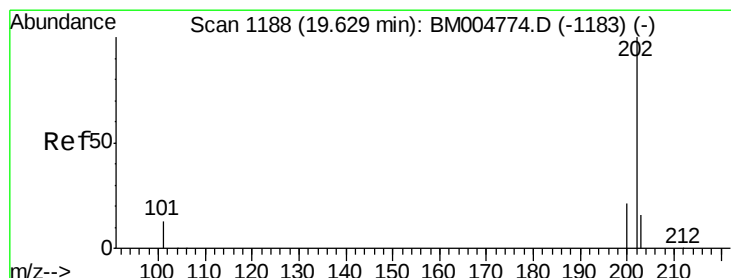
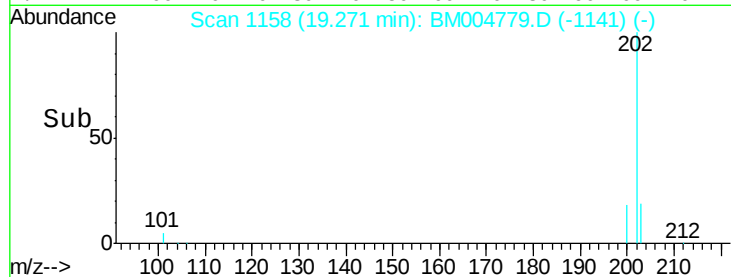
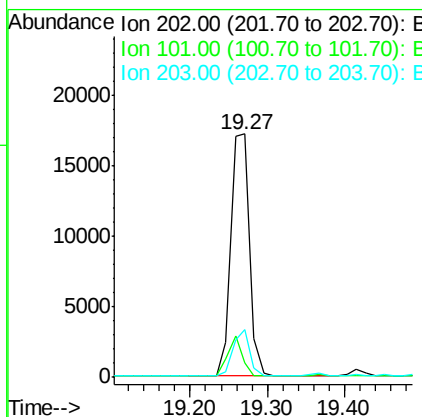
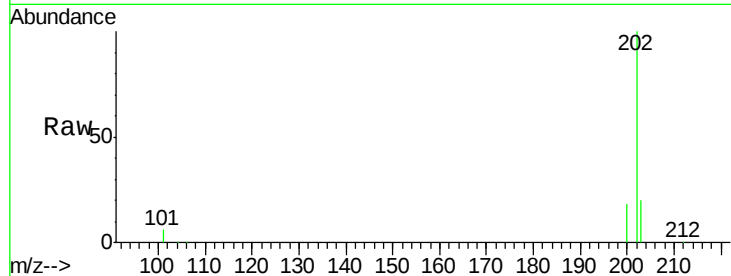
#17
Fluoranthene
Concen: 1.35 ng/ul
RT: 19.27 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BM004779.D
Acq: 25 Mar 2016 16:03

Instrument :
BNA_M
ClientSampleId :
A4T37

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.2	0.0	29.6
203	19.6	0.0	36.3

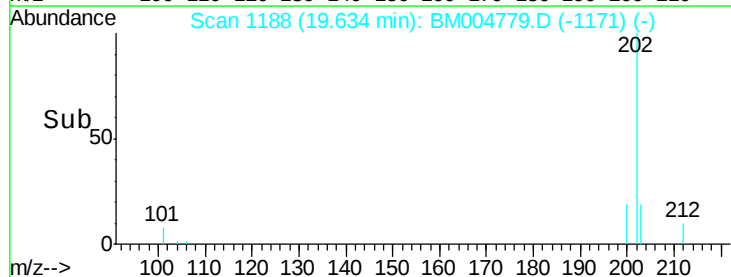
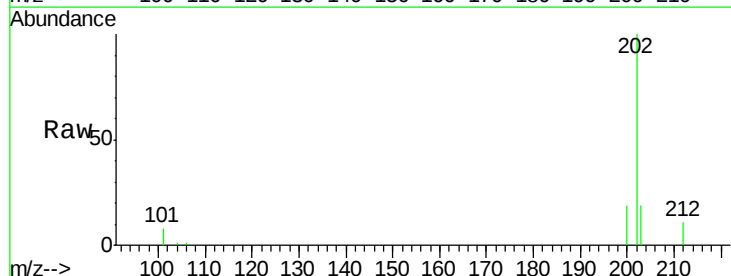
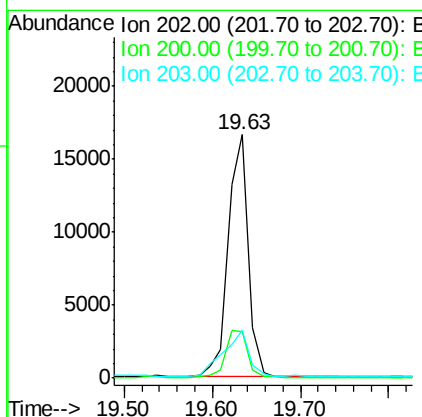
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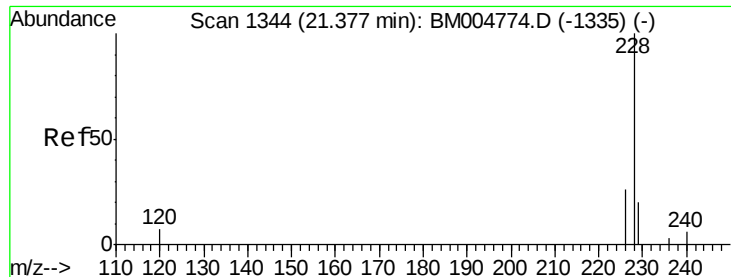
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#19
Pyrene
Concen: 1.28 ng/ul
RT: 19.63 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BM004779.D
Acq: 25 Mar 2016 16:03

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	19.1	17.8	26.8
203	19.4	12.8	19.2#





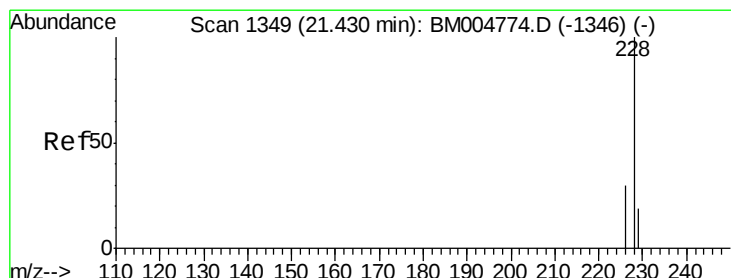
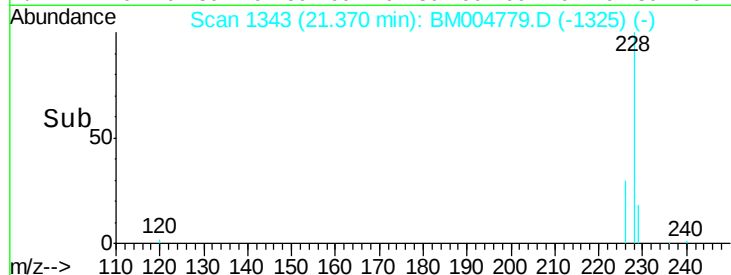
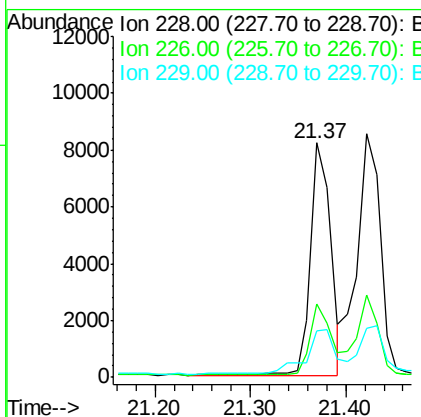
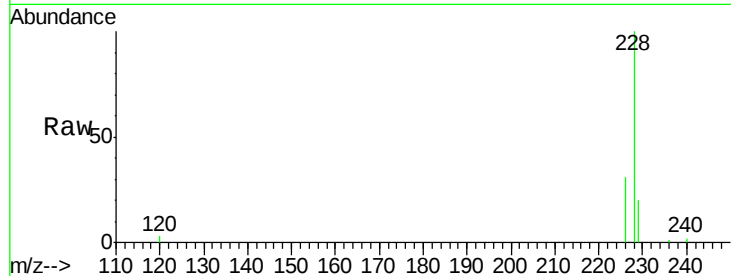
#20
Benzo(a)anthracene
Concen: 0.64 ng/ul
RT: 21.37 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BM004779.D
Acq: 25 Mar 2016 16:03

Instrument :
BNA_M
ClientSampleId :
A4T37

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	18.8	28.2#
229	19.8	17.1	25.7

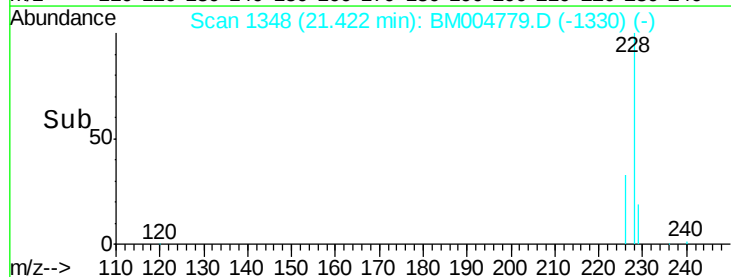
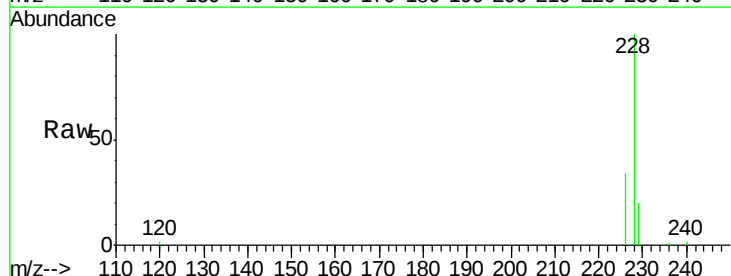
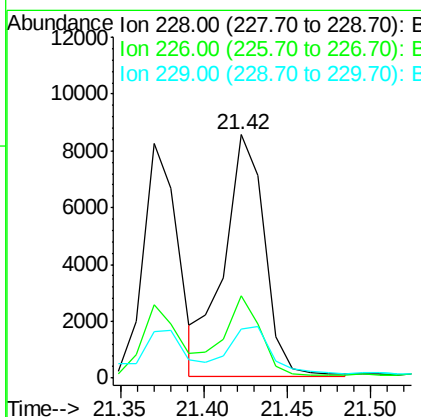
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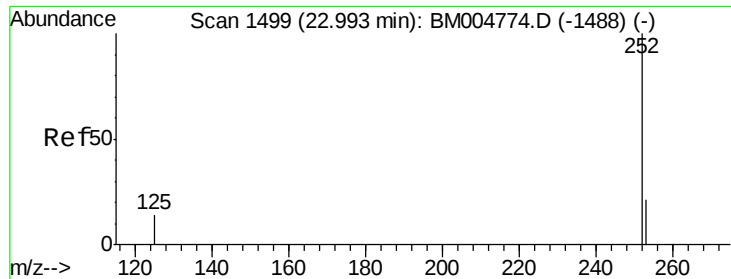
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#21
Chrysene
Concen: 0.81 ng/ul m
RT: 21.42 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BM004779.D
Acq: 25 Mar 2016 16:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.8	21.2	31.8#
229	20.3	17.0	25.6





#23

Benzo(b)fluoranthene

Concen: 1.15 ng/ul m

RT: 23.00 min Scan# 1499

Delta R.T. 0.00 min

Lab File: BM004779.D

Acq: 25 Mar 2016 16:03

Instrument :

BNA_M

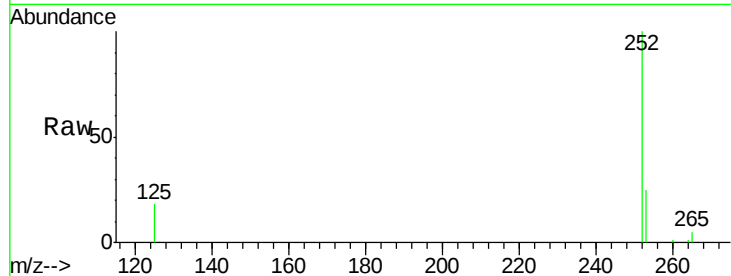
ClientSampleId :

A4T37

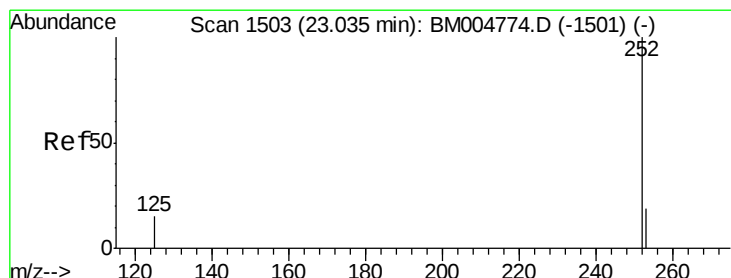
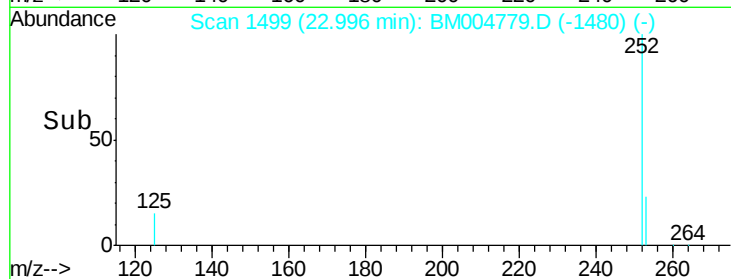
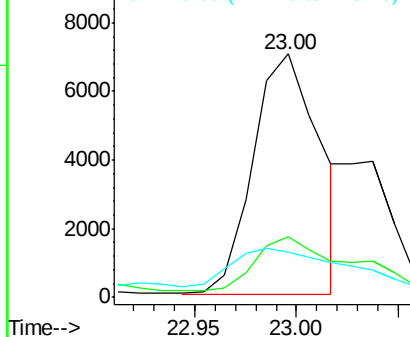
Tot Ion:	252	Resp:	16035
Ion Ratio	Lower	Upper	
252	100		
253	24.8	0.0	45.4
125	18.5	0.0	28.8

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#24

Benzo(k)fluoranthene

Concen: 0.51 ng/ul m

RT: 23.04 min Scan# 1503

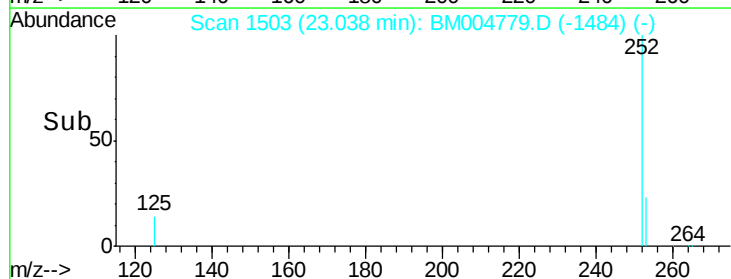
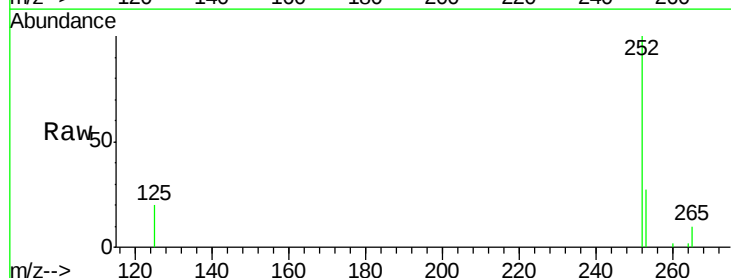
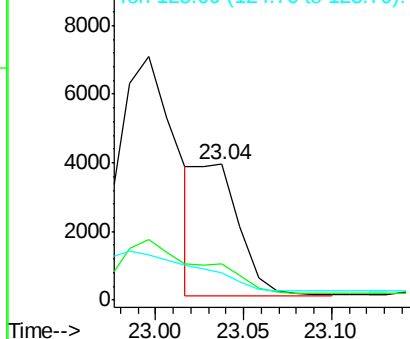
Delta R.T. 0.00 min

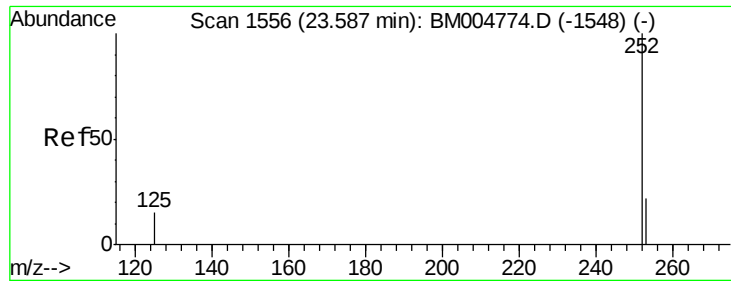
Lab File: BM004779.D

Acq: 25 Mar 2016 16:03

Tgt Ion:	252	Resp:	6590
Ion Ratio	Lower	Upper	
252	100		
253	27.0	19.8	29.8
125	20.3	10.4	15.6#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.91 ng/ul m

RT: 23.58 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BM004779.D

Acq: 25 Mar 2016 16:03

Instrument :

BNA_M

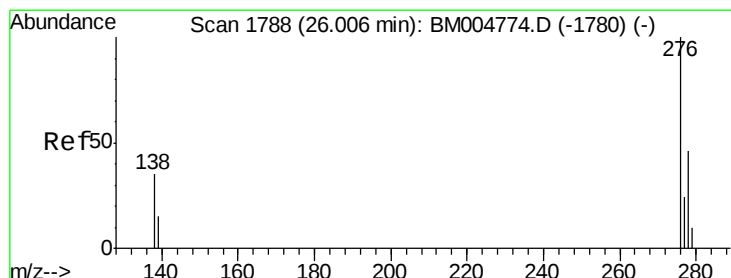
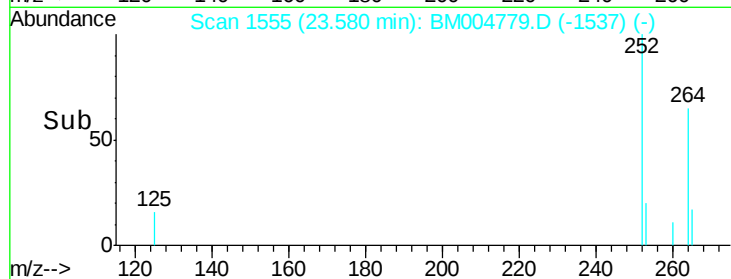
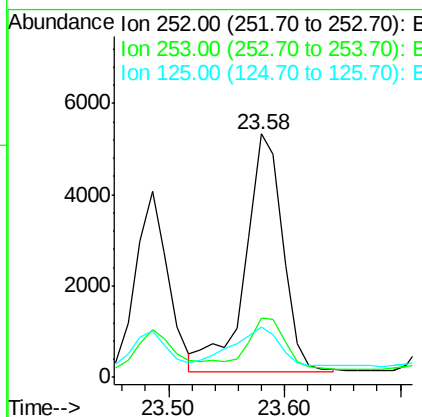
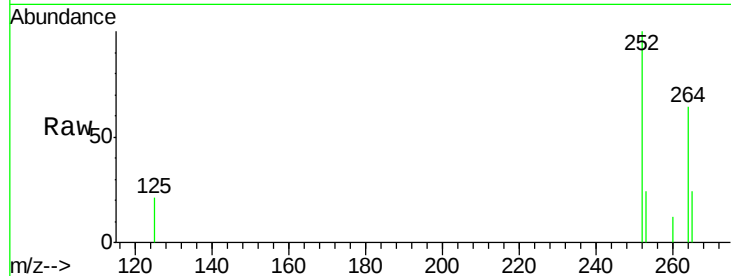
ClientSampleId :

A4T37

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.4	29.2
125	20.8	12.7	19.1#

Manual Integrations
APPROVED

Sohil
4/6/2016 1:28:42 PM



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.51 ng/ul m

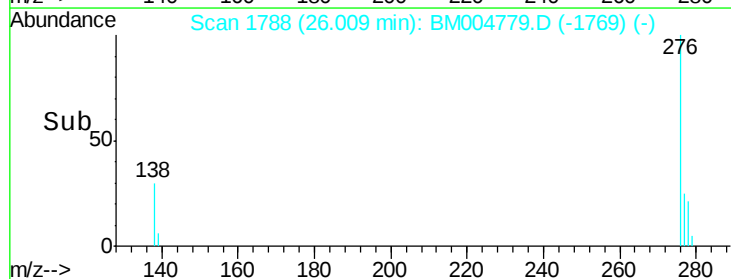
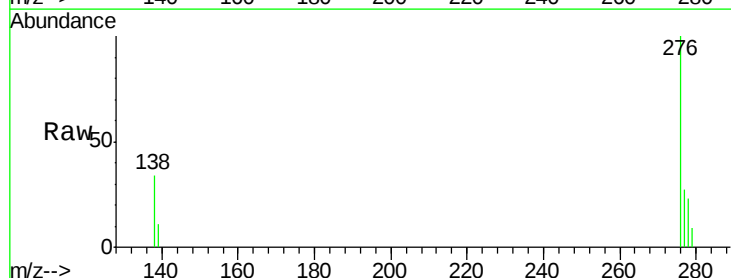
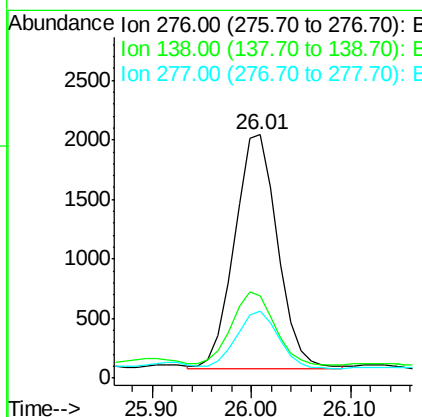
RT: 26.01 min Scan# 1788

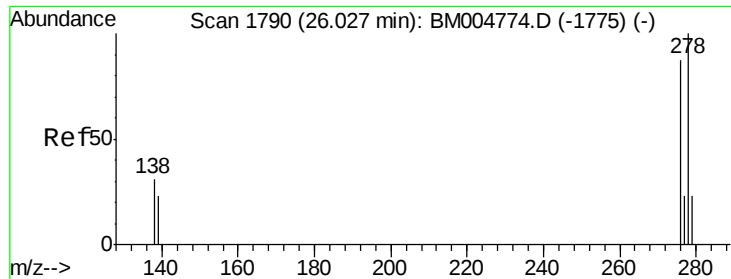
Delta R.T. 0.00 min

Lab File: BM004779.D

Acq: 25 Mar 2016 16:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	3.6	16.3	24.5#
277	3.9	19.8	29.8#





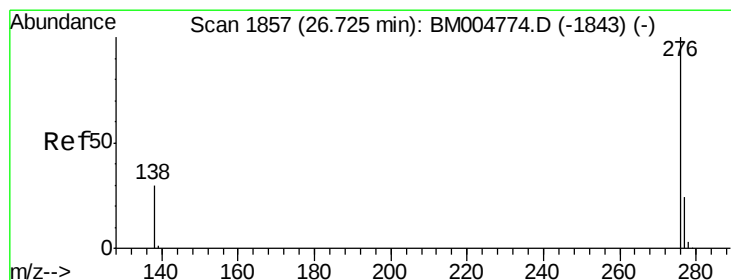
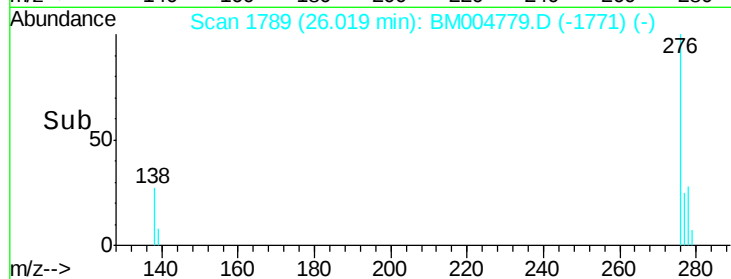
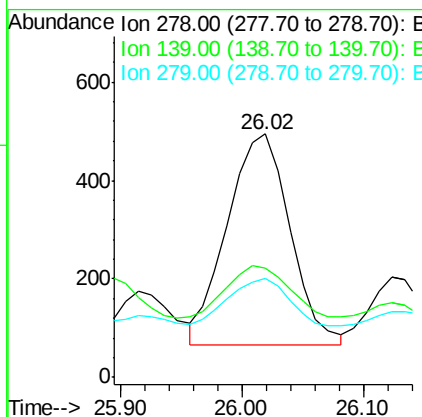
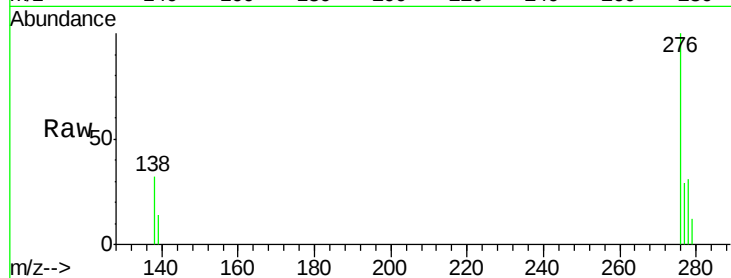
#27
Dibenzo(a,h)anthracene
Concen: 0.17 ng/ul m
RT: 26.02 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BM004779.D
Acq: 25 Mar 2016 16:03

Instrument :
BNA_M
ClientSampleId :
A4T37

Tot Ion	Ratio	Lower	Upper
278	100		
139	44.8	16.4	24.6#
279	40.4	20.2	30.2#

Manual Integrations
APPROVED

Sohil
4/6/2016 1:28:42 PM



#28
Benzo(g,h,i)perylene
Concen: 0.55 ng/ul m
RT: 26.72 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM004779.D
Acq: 25 Mar 2016 16:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.1	18.9	28.3
138	36.0	22.5	33.7#

